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Total	- 722 "monte carlo method" 419 "monte carlo method" and sampl\$3 - 152 "monte carlo method" same sampl\$3 - 152 "monte carlo method" same sampl\$3 - 152 "monte carlo method" same sampl\$3 - 153 "monte carlo method" with sampl\$3 - 154 "monte carlo method" with sampl\$3 - 155 "random sampling" - 1651 "random sampling" - 1651 "carlo method" with sampl\$3	[1		"5687360").pn.	· · · · · · · · · · · · · · · · · · ·		000015
US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	722	"monte carlo metho	od"		2004/08/24 14:46
EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DERWENT;	1				US-PGPUB;	
TBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	TBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;					EPO; JPO;	1
- 419 "monte carlo method" and sampl\$3 - 152 "monte carlo method" same sampl\$3 - 152 "monte carlo method" same sampl\$3 - 154 "monte carlo method" with sampl\$3 - 155 "monte carlo method" with sampl\$3 - 1651 "random sampling" - 1651 "random sampling" USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	- 419 "monte carlo method" and sampl\$3 - 152 "monte carlo method" same sampl\$3 - 152 "monte carlo method" same sampl\$3 - 94 "monte carlo method" with sampl\$3 - 1651 "random sampling" - 1651 "random sampling" USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	1	! .	1		IBM_TDB	1
US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	US-PGPUB; EPO; JPO; IBM_TDB			"monte carlo moth-	od" and sampl\$3		2004/08/24 14:48
EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	-	419	"TOTTEC CATTO MECÚC	on the state of t		
TBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; EPO;	152	- i		. :			
- 152 "monte carlo method" same sampl\$3 USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	- 152 "monte carlo method" same sampl\$3 "monte carlo method" same sampl\$3 "monte carlo method" with sampl\$3 "same sampl\$3 USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;						
US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT;	US-PGPUB; EPO; JPO; IBM_TDB US-PGPUB; EPO; JPO; DERWENT;	1		Ilma-st-	ndu came camplés	IISDAT.	2004/08/24 14.40
BPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; U	PO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	152	monte carlo metho	ou same sampişs		
18M_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; USPAT; US-PGPUB; EPO; JPO; DERWENT; USPAT; U	18M_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; US-PGPUB;						
- 94 "monte carlo method" with sampl\$3 USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	- 1651 "monte carlo method" with sampl\$3 "monte carlo method" with sampl\$3 USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; DERWENT;						
US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;		b	The state of the s			2004/100/104 1=1:45
- 1651 "random sampling" US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	-	94	"monte carlo metho	od" with samp1\$3		2004/08/24 15:13
- 1651 "random sampling" IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	- 1651 "random sampling" IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	1					:
- 1651 "random sampling" IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	- 1651 "random sampling" IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;						
- 1651 "random sampling" USPAT; US-PGPUB; EPO; JPO; DERWENT;	- 1651 "random sampling" USPAT; US-PGPUB; EPO; JPO; DERWENT;			1		IBM_TDB	
US-PGPUB; EPO; JPO; DERWENT;	US-PGPUB; EPO; JPO; DERWENT;	_	1652	"random samoling"			2004/08/24 15:14
EPO; JPO; DERWENT;	EPO; JPO; DERWENT;		1021				
DERWENT;	DERWENT;						
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-	2	((717/128,130).CCLS.) and "random sampling"	USPAT; US-PGPUB;	2004/08/24 15:14
			EPO; JPO; DERWENT;	
-	13	("5355487" "5978902" "6009270"	IBM_TDB USPAT	2004/08/25 08:53
		"6041406" "6094729" "6142683" "6148381" "6154856" "6154857" "6167536" "6185732" "6189140"		
_	. 1	"6314530").PN. (("5355487" "5978902" "6009270"	USPAT;	2004/08/25 10:08
		"6041406" "6094729" "6142683" "6148381" "6154856" "6154857" "6167536" "6185732" "6189140" "6314530").PN.) and random	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
	12352	"instruction memory"	USPAT; US-PGPUB;	2004/08/25 10:08
			EPO; JPO; DERWENT; IBM TDB	
<u> </u>	1188	"instruction memory" and sampling	USPAT; US-PGPUB; EPO; JPO;	2004/08/25 10:08
			DERWENT; IBM_TDB	
- :	386	"instruction memory" and 717.clas.	USPAT; US-PGPUB; EPO; JPO;	2004/08/25 10:09
e e			DERWENT; IBM_TDB	
-	25	"instruction memory" and 717/130.ccls.	USPAT; US-PGPUB;	2004/08/25 10:09
			EPO; JPO; DERWENT; IBM TDB	
	184	"random counter"	USPAT; US-PGPUB;	2004/08/25 12:59
			EPO; JPO; DERWENT; IBM TDB	
-	24	717/124-135	USPAT; US-PGPUB; EPO; JPO;	2004/08/25 13:00
-	0	"random counter" and 717/124-135.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2004/08/25 13:00
			EPO; JPO; DERWENT; IBM TDB	
-	6	random with counter and 717/124-135.ccls.	USPAT; US-PGPUB;	2004/08/25 13:03
			EPO; JPO; DERWENT; IBM_TDB	
- ,	255	decrement with trigger	USPAT; US-PGPUB; EPO; JPO;	2004/08/25 13:04
			DERWENT; IBM_TDB	2004/00/25 12 25
<u>-</u> '	5	717/124-135.ccls. and (decrement with trigger)	USPAT; US-PGPUB; EPO; JPO;	2004/08/25 13:05
v	2162	random with trigger	DERWENT; IBM_TDB USPAT;	2004/08/25 13:11
	2168	random with trigger	US-PGPUB; EPO; JPO;	
			DERWENT; IBM_TDB	

-	2	717/124-135.ccls. and (random with trigger)	USPAT; US-PGPUB;	2004/08/25 13:05
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	26579	counter with sampl\$3	USPAT;	2004/08/25 13:11
			US-PGPUB;	
			EPO; JPO;	
		grand and the second of the se	DERWENT;	
			IBM_TDB	2004/00/25 12:12
-	63	(counter with sampl\$3) and 717/124-135.ccls.	USPAT; US-PGPUB;	2004/08/25 13:12
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	457	(717/128,130).CCLS.	USPAT;	2004/08/25 13:12
- .	45/	(/1//128,130/.0003.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
•			IBM_TDB	
_	0	("16and14").PN.	USPAT;	2004/08/25 13:12
			US-PGPUB;	
	[.		EPO; JPO;	
			DERWENT;	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IBM_TDB . USPAT;	2004/08/25 13:12
	. 41	((717/128,130).CCLS.) and ((counter with	US-PGPUB;	2004/08/25 13:12
,		sampl\$3) and 717/124-135.ccls.)	EPO; JPO;	·
•			DERWENT;	
			IBM TDB	
•	. 41	((717/128,130).CCLS.) and (counter with	USPAT;	2004/08/25 13:25
- :	. 41	sampl\$3)	US-PGPUB;	
•		Sampido/	EPO; JPO;	., .
			DERWENT;	
			IBM_TDB	
-	359	(714/45).CCLS.	USPAT;	2004/08/25 13:25
		;	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	, :
		at an aith trainger	USPAT;	2004/08/25 13:20
	25115	counter with trigger	US-PGPUB;	2000, 09, == ====
			EPO; JPO;	
•			DERWENT;	
			IBM_TDB	
' -	26	(counter with trigger) and 717/124-135.ccls.	USPAT;	2004/08/25 14:19
			US-PGPUB;	
•			EPO; JPO;	1
			DERWENT;	
		1,	IBM_TDB	2004/08/25 14:3
- '	49	random\$4 with "sample clock"	USPAT; US-PGPUB;	2004/00/23 14:3
			EPO; JPO;	·
	•		DERWENT;	
			IBM TDB	
	7217	counter with clock with zero	USPAT;	2004/08/25 14:3
-	/21/	Counted with Clock with Boro	US-PGPUB;	1
	1		EPO; JPO;	
			DERWENT;	
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_	0		USPAT;	2004/08/25 14:3
	1	((717/128,130).CCLS.)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	2004/00/25 14-3
	6		USPAT;	2004/08/25 14:3
		((714/45).CCLS.)	US-PGPUB; EPO; JPO;	
			DEU; UPU;	1
		"	DERWENT;	

	2262	decrement with counter with zero	USPAT;	2004/08/25 14:36
-	2263	decrement with counter with zero	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
		/10: 105 //734/4E) COIC \	USPAT;	2004/08/25 14:36
-	1880	717/124-135.ccls. or ((714/45).CCLS.)	i .	2004,00,25 14.30
			US-PGPUB; EPO; JPO;	•
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			IBM_TDB	2004/08/25 14:36
-	4	(decrement with counter with zero) and	USPAT;	2004/08/25 14:30
	;	(717/124-135.ccls. or ((714/45).CCLS.))	US-PGPUB;	
		•	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	2609	"linear feedback shift register"	USPAT;	2004/08/26 08:51
			US-PGPUB;	•
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	739	"linear feedback shift register" with random	USPAT;	2004/08/26 08:51
	. 139	Timear recuback shirt register with remaining	US-PGPUB;	
		•	EPO; JPO;	·
			DERWENT;	
		:	IBM TDB	
			USPAT:	2004/08/26 08:51
-	1580	717/124-135.ccls.		2004/08/20 00:31
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	717/124-135.ccls. and ("linear feedback	USPAT;	2004/08/26 08:51
		shift register" with random)	US-PGPUB;	
			EPO; JPO;	-
			DERWENT;	
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	65	"linear feedback shift register" with random	USPAT;	2004/08/26 08:52
		near generat\$3	US-PGPUB;	
		noar gonozari	EPO; JPO;	
			DERWENT;	
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		"linear feedback shift register" with random	USPAT;	2004/08/26 08:52
_	0	near generat\$3 near40 "primitive trinomial"	US-PGPUB;	
		Hear deneraces Hearso bramerice cramomian	EPO; JPO;	
			DERWENT;	
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		and a manufacture with mandam	USPAT;	2004/08/26 08:53
-	0	"linear feedback shift register" with random		2504/00/20 00.33
		near generat\$3 same "primitive trinomial"	US-PGPUB;	
			EPO; JPO;	
		•	DERWENT;	1
			IBM_TDB	0001/00/05 00 ==
-	5	"linear feedback shift register" same	USPAT;	2004/08/26 08:53
		"primitive trinomial"	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	İ
1	1		IBM TDB	



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Profile data is valuable for identifying performance bottlenecks and guiding optimizations. Periodic sampling of a processor's performance monitoring hardware is an effective, unobtrusive way to obtain detailed profiles. Unfortunately, existing hardware simply counts events, such as cache misses and branch mispredictions, and cannot accurately attribute these events to instructions, especially on out-of-order machines. We propose an alternative approach, called ProfileMe, that samples instructio ...

2 SIGMICRO 2 - Advances in microprogramming: Microprogramming for probability distribution sampling

T. G. Lewis

August 1972 Proceedings of the ACM annual conference - Volume 1

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3 SMARTS: accelerating microarchitecture simulation via rigorous statistical sampling Roland E. Wunderlich, Thomas F. Wenisch, Babak Falsafi, James C. Hoe May 2003 ACM SIGARCH Computer Architecture News , Proceedings of the 30th annual international symposium on Computer architecture, Volume 31 Issue 2

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Current software-based microarchitecture simulators are many orders of magnitude slower than the hardware they simulate. Hence, most microarchitecture design studies draw their conclusions from drastically truncated benchmark simulations that are often inaccurate and misleading. This paper presents the Sampling Microarchitecture Simulation (SMARTS) framework as an approach to enable fast and accurate performance measurements of fulllength benchmarks. SMARTS accelerates simulation by selectively ...

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Secure statistical databases with random sample queries Dorothy E. Denning

September 1980 ACM Transactions on Database Systems (TODS), Volume 5 Issue 3

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Keywords: confidentiality, database security, disclosure controls, sampling, statistical database

2 Traffic engineering: Estimating flow distributions from sampled flow statistics Nick Duffield, Carsten Lund, Mikkel Thorup

August 2003 Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communications

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Passive traffic measurement increasingly employs sampling at the packet level. Many highend routers form flow statistics from a sampled substream of packets. Sampling is necessary in order to control the consumption of resources by the measurement operations. However, knowledge of the statistics of flows in the *unsampled* stream remains useful, for understanding both characteristics of source traffic, and consumption of resources in the network. This paper provide methods that use flow sta ...

Keywords: IP flows, maximum likelihood estimation, packet sampling

3 Session 6: flow measurement: Properties and prediction of flow statistics from sampled packet streams

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